

High power CD player
with FM/AM tuner

Reproductor de CD de alta potencia con
sintonizador FM/AM

SUPER TUNER III

DEH-636

SPARE PARTS MASTER

Operation Manual Manual de Operación

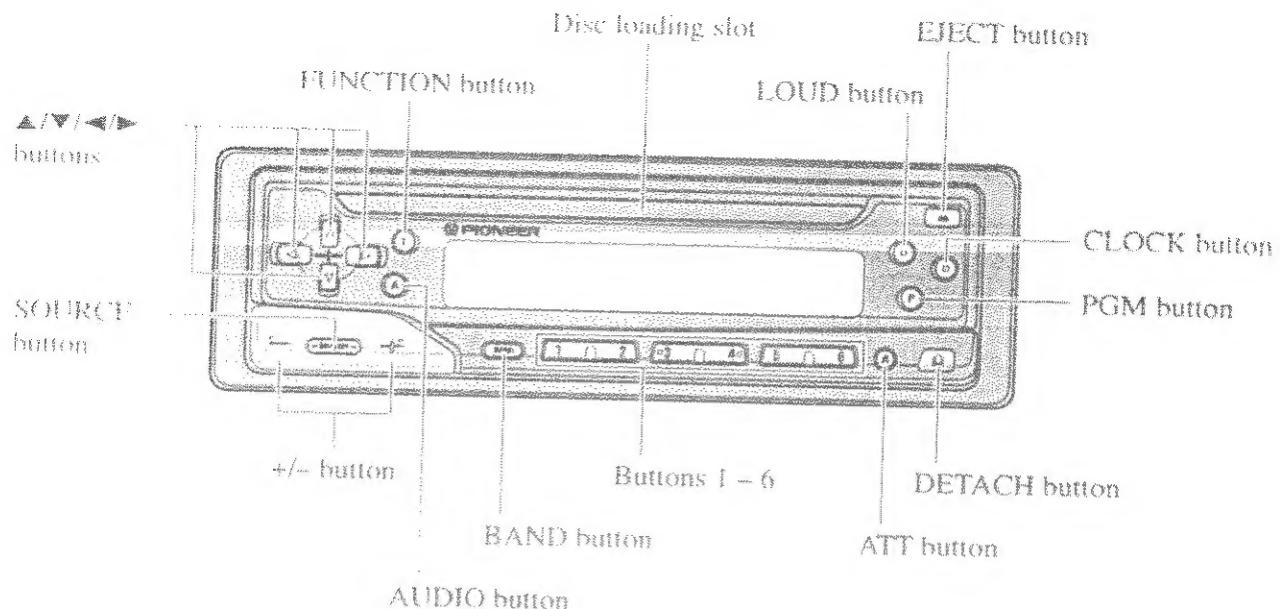


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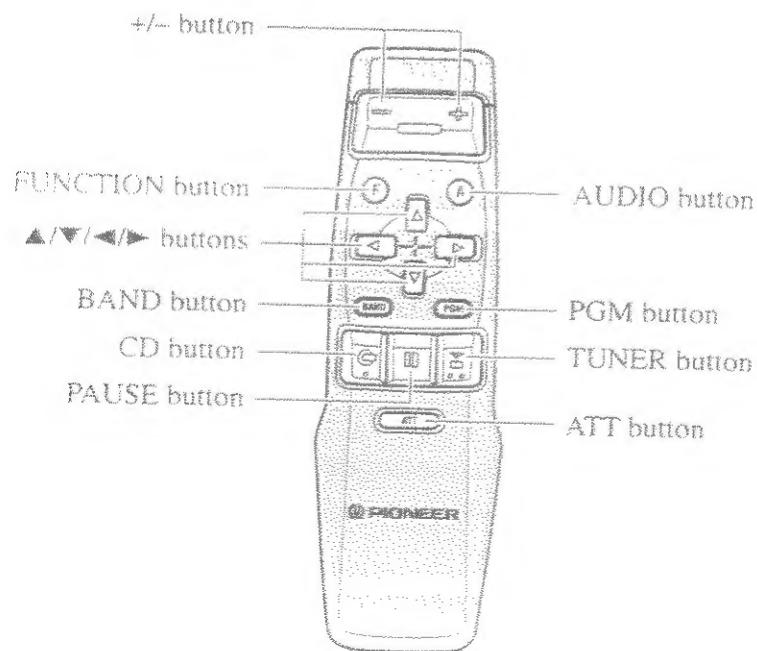
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■ Head Unit



■ Remote Controller



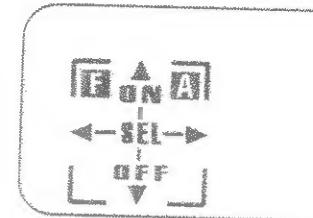
Before Using This Product

About This Product

This unit's display features Key Guidance Indicators. These light to indicate which of the **▲/▼/◀/▶**, **FUNCTION**, and **AUDIO** buttons you can use. When you're in the Function Menu or Audio Menu, they also make it easy to see which **▲/▼/◀/▶** buttons you can use to switch functions **ON/OFF**, switch repeat selections, and perform other operations. Indicator and corresponding buttons are shown below.

Indicator	Button
■	FUNCTION
A	AUDIO
▲	▲
▼	▼
◀	◀
▶	▶

Key Guidance Indicators



Note:

- When "ON" and "OFF" are lit, you can switch the currently selected function ON/OFF with the **▲/▼** buttons.
- When "SEL" is lit, you can use the **◀/▶** buttons to switch selection options of the currently selected function.

About This Manual

This product features a number of sophisticated functions ensuring superior reception and operation. All are designed for the easiest possible use, but many are not self-explanatory. This operation manual is intended to help you benefit fully from their potential and to maximize your listening enjoyment.

We recommend that you familiarize yourself with the functions and their operation by reading through the manual before you begin using this product. It is especially important that you read and observe the "Precaution" on the next page and in other sections.

In this Operation Manual, the Basic Operation for each sound source is outlined at the beginning of its explanation, covering simple operation for that source, such as merely playing music.

Precaution

CAUTION: USE OF CONTROL OR ADJUSTMENT OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: THE USE OF OPTICAL INSTRUMENTS WITH THIS PRODUCT WILL INCREASE EYE HAZARD.

- Keep this manual handy as a reference for operating procedures and precautions.
- Always keep the volume low enough for outside sounds to be audible.
- Protect the product from moisture.
- If the battery is disconnected, the preset memory will be erased and must be reprogrammed.
- If this product fails to operate properly, contact your dealer or your nearest authorized Pioneer Service Station.

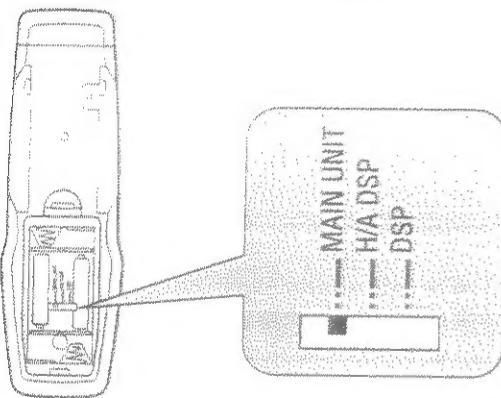
Using the Remote Controller

This product is equipped with a remote controller for convenient operation.

- Point the controller in the direction of the front panel to operate.
- When the controller is not in use, attach it firmly to the provided mounting base.

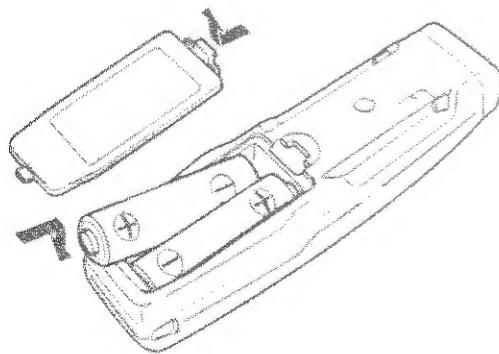
Precaution:

- Do not store the remote controller in high temperatures or direct sunlight.
- The controller may not function properly in direct sunlight.
- Do not let the remote controller fall onto the floor, where it may become jammed under the brake or accelerator pedal.
- Open the cover on the rear of the remote control, and you'll find a switch. Do not change this switch's position from the MAIN UNIT position. (Initially, the switch is set to the MAIN UNIT position.) If you change the switch setting, correct operation of this unit will not be possible.



Batteries

- Remove the cover on the back of the remote controller and insert the batteries with the (+) and (-) poles pointing in the proper direction.

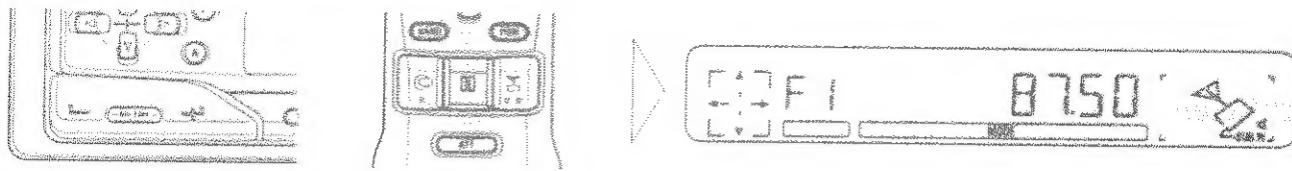


Precaution:

- Use only AAA or IEC R03 1.5 V batteries.
- Remove the batteries if the remote controller is not used for a month or longer.
- Do not attempt to recharge the supplied batteries.
- Do not mix new and used batteries.
- If the event of battery leakage, wipe the remote controller completely clean and install new batteries.

Switching Power ON/OFF

- Select the desired source (such as the tuner).



■ Head Unit

Each press of the SOURCE button selects the desired source in the following order:

Built-in CD player → Tuner

To switch the sources OFF, hold down the SOURCE button for 1 second or more.

■ Remote Controller

Each press of the CD button selects the desired source in the following order:

Built-in CD player → Sources OFF

Each press of the TUNER button selects the desired source in the following order:

Tuner → Sources OFF

Note:

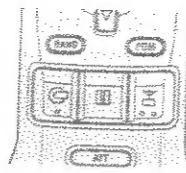
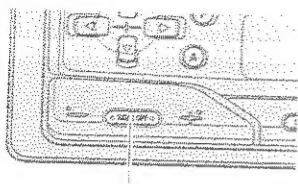
- The sound source will not change if no disc is set in this unit.

Tuner Operation

Reset the AM tuning step from 9 kHz (the factory preset step) to 10 kHz when using the tuner in North, Central or South America. (See page 28.)

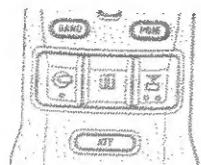
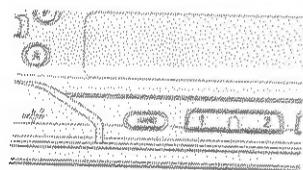
Basic Operation of Tuner

1. Select Tuner.



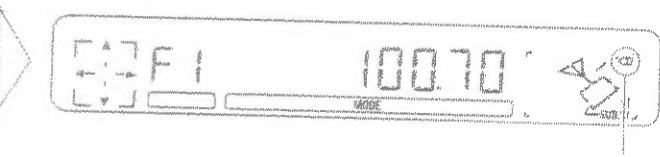
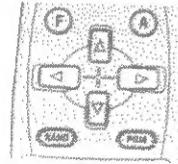
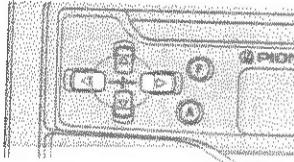
Each press changes
the source ...

2. Select the desired band.



F1 → F2 → F3 → AM

3. Tune the receiver to a higher or lower frequency.



“ ” stereo

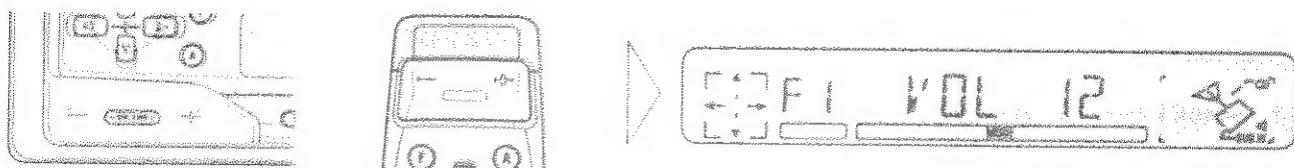
This product's tuner lets you select the tuning by changing the length of the time you press the button.

Manual Tuning (step by step)	0.3 seconds or less
Seek Tuning (automatically)	0.3 – 2 seconds
Manual Tuning (continuously)	2 seconds or more

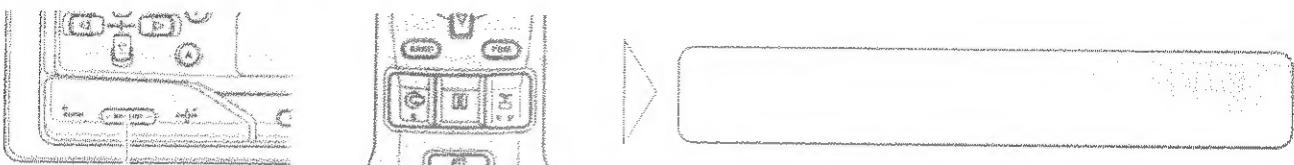
Note:

- “ ” stereo indicator lights when a stereo station is selected.

4. Raise or lower the volume.



5. Turn the source OFF.

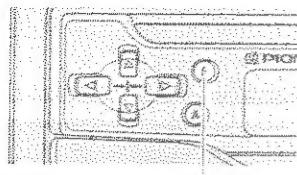


Hold for 1 second

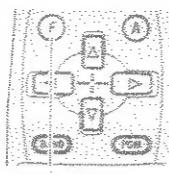
Entering the Function Menu

In this menu you can select tuner functions.

- Select the desired mode in Function Menu.



Each press changes
the mode ...



Each press changes
the mode ...



Each press of the FUNCTION button selects the mode in the following order:

BSM → LOC

To cancel the Function Menu, press the BAND button.

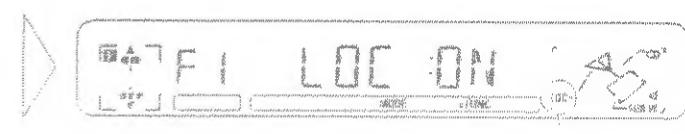
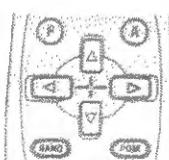
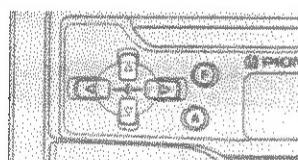
Note:

- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

Local Seek Tuning

This mode selects only stations with especially strong signals.

1. Select the Local mode (LOC) in the Function Menu.
2. Switch the Local mode ON or OFF.



LOC ON

To cancel the Function Menu, press the BAND button.

Preset Tuning

Up to 18 FM stations (6 in F1 (FM1), F2 (FM2) and F3 (FM3)) and 6 AM stations can be stored in memory.
Store the stations in memory under buttons 1 – 6 beforehand with the BSM (Best Stations Memory) or Preset Memory function.

BSM (Best Stations Memory)

The BSM function stores stations in memory automatically.

1. Select the BSM mode (BSM) in the Function Menu.
2. Switch the BSM mode ON.



The stations with the strongest signals will be stored under buttons 1 – 6 and in order of their signal strength.

To cancel the Function Menu, press the BAND button.

Preset Memory

The Preset Memory function stores stations in memory manually.

1. Select the station whose frequency you want to store in memory.
2. Press one of buttons 1 – 6 for 2 seconds or longer to store the desired stations. (eg. Press button 4.)



Hold for 2 seconds

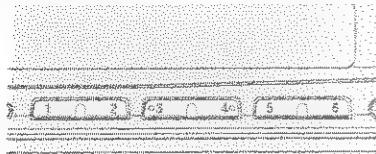
The station is stored in memory under the selected button.

Recalling Preset Stations

There are two ways to recall preset stations.

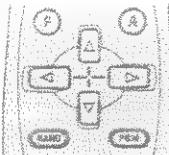
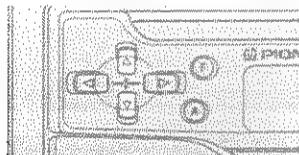
■ Direct Recall

- Press one of buttons 1 – 6 to recall a station preset under that button. (eg. Press button 4.)



■ Sequential Recall

- Recall a station preset under button 1 – 6.



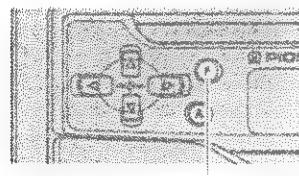
Using the PGM (Programmable) Button

You can memorize Function Menu BSM (BSM) and Local (LOC) functions in the Programmable button.

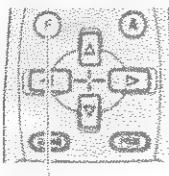
Initially, the BSM function is memorized in the Programmable button.

■ Setting the Programmable Button

1. Select the Programmable button setting mode (PGM-FUNC).



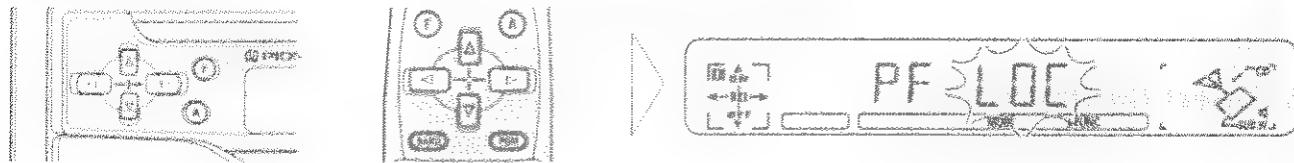
Hold for 2 seconds



Hold for 2 seconds



2. Select the formulas you want to memorize in the Programmable menu.



3. Memorize the function in the Programmable button.

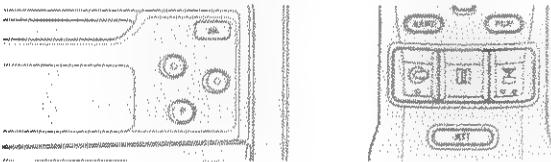


To cancel the Programmable button setting mode, press the BAND button.

■ Using the Programmable Button

The Programmable button operates in a different way depending on the function programmed (memorized).

* Use the Programmable button.



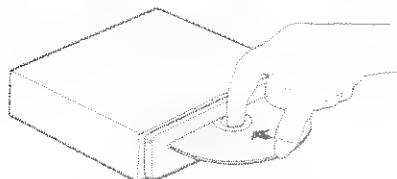
Function	Press	Hold for 2 seconds
BSM	OFF	ON
LOC	ON/OFF	

Using the Built-in CD Player

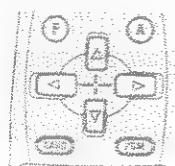
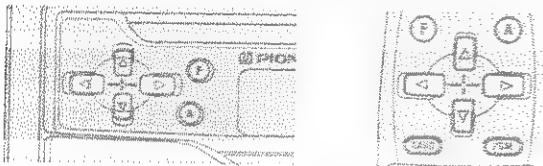
Basic Operation of Built-in CD Player

The built-in CD player plays one standard 12 cm or 8 cm (single) CD at a time. Do not use an adapter when playing 8 cm CD.

1. Insert the disc with the recorded (iridescent) surface down.



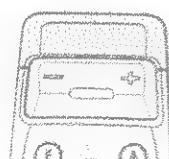
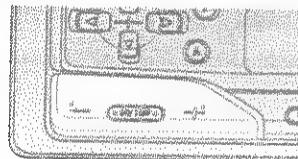
2. Select the desired track (and phrase).



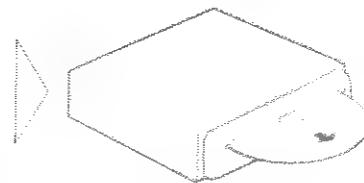
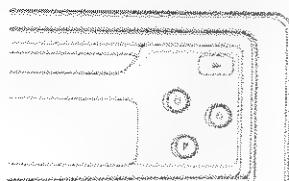
This product's built-in CD player lets you select the Track Search function or Fast-forward/Reverse function by changing the length of the time you press the button.

Track Search	0.5 seconds or less
Fast-forward/Reverse	Continue pressing

3. Raise or lower the volume.



4. Remove the disc.

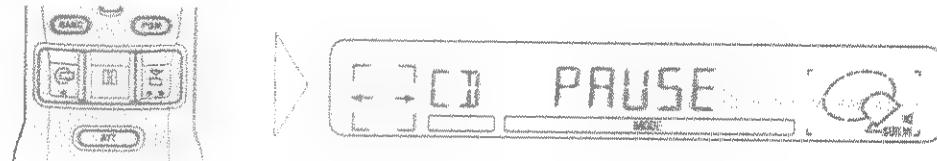


Note:

- The CD function can be turned ON/OFF with the disc remaining in this product. (See page 6.)
- Discs left partially inserted after ejection may incur damage or fall out.
- If a disc cannot be inserted fully or playback fails, make sure the recorded side is down, push the EJECT button and check the disc for damage before reinserting it.
- If a CD is inserted with the recorded side up, it will be ejected automatically after a few moments.
- If the built-in CD player cannot operate properly, an error message (such as "ERROR-14") appears on the display. Refer to "Built-in CD Player Troubleshooting" on page 20.

Pause

- Stop playback temporarily or restarts the system.



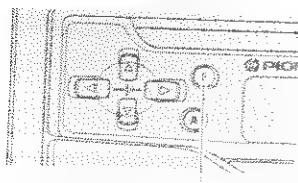
Note:

- You can also switch the Pause function ON/OFF in the Function Menu.

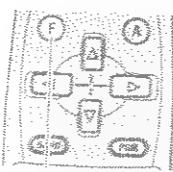
Entering the Function Menu

In this menu you can select built-in CD player functions.

- Select the desired mode in Function Menu.



Each press changes
the mode ...



Each press changes
the mode ...



Each press of the FUNCTION button selects the mode in the following order:

RPT → RDM → SCAN → PAUSE

To cancel the Function Menu, press the BAND button.

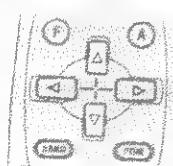
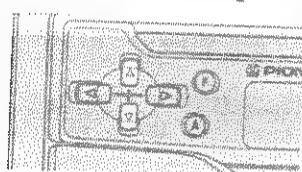
Note:

- After entering the Function Menu, if you do not perform an operation within about 30 seconds, the Function Menu is automatically canceled.

Repeat Play

Repeat Play plays the same track repeatedly.

1. Select the Repeat mode (RPT) in the Function Menu.
2. Switch the Repeat Play ON or OFF.



To cancel the Function Menu, press the BAND button.

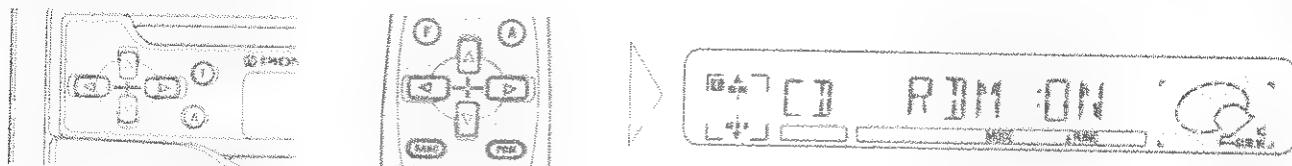
Note:

- If you perform Track Search or Fast-forward/Reverse, Repeat Play is automatically canceled.

Random Play

Random Play plays the tracks on a CD in random order for variety.

1. Select the Random mode (RDM) in the Function Menu.
2. Switch the Random Play ON or OFF.



To cancel the Function Menu, press the BAND button.

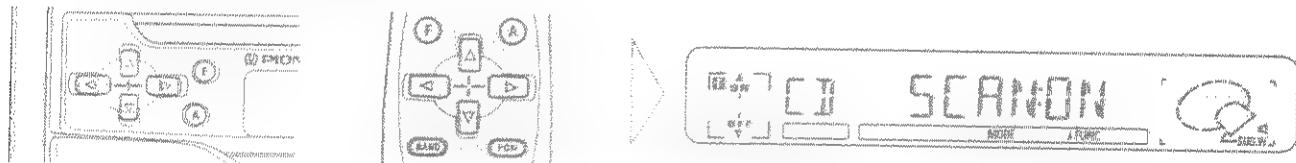
Note:

- Since playback is random, the same track may be repeated consecutively.

Scan Play

Scan Play plays the first 10 seconds or so of each track on a CD in succession.

1. Select the Scan mode (SCAN) in the Function Menu.
2. Switch the Scan Play ON.



3. When you hear the track you are looking for, cancel Scan Play.

If the Function Menu is automatically canceled at this time, select the Scan mode in the Function Menu once more.



Playback of the current track continues.

To cancel the Function Menu, press the BAND button.

Note:

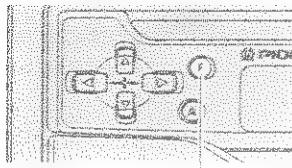
- Scan Play is canceled automatically after all the tracks on a disc have been scanned.

Using the PGM (Programmable) Button

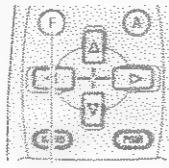
In the Function Menu, you can memorize the Pause (PAUSE), Repeat (RPT), and Random (RDM) functions in the Programmable button. Initially, PAUSE is memorized in the Programmable button.

■ Setting the Programmable Button

1. Select the Programmable button setting mode (PGM-FUNC).



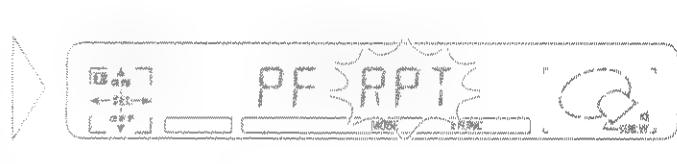
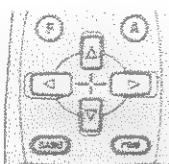
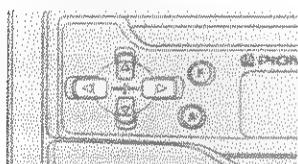
Hold for 2 seconds



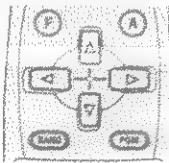
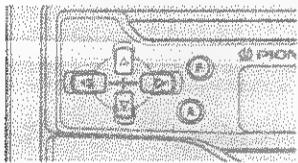
Hold for 2 seconds



2. Select the function you want to memorize in the Programmable button.



3. Memorize the function in the Programmable button.

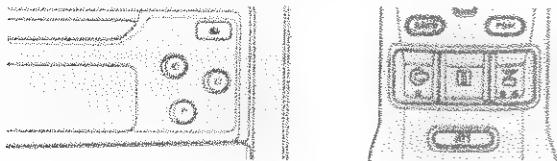


To cancel the Programmable button setting mode, press the BAND button.

■ Using the Programmable Button

The Programmable button operates in a different way depending on the function programmed (memorized).

- Use the Programmable button.



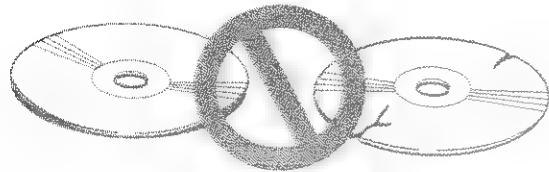
Function	Press	Hold for 2 seconds
PAUSE	ON/OFF	—
RPT	ON/OFF	—
RDM	ON/OFF	—

Disc Selection and Care

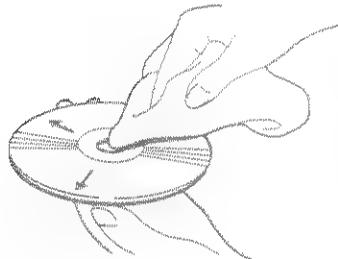
- Play only CDs bearing the Compact Disc Digital Audio mark.



- Check all CDs before playing, and discard cracked, scratched or warped discs.



- Wipe dirty or damp discs outward from the center with a soft cloth.



- Avoid touching the recorded (iridescent) surface when handling discs.
- Store discs in their cases when not in use.

Precaution

- Keep discs out of direct sunlight and high temperatures.
- Do not affix labels or apply chemicals to discs.
- Condensation may collect inside the player when using the heater in cold weather, interfering with playback. Turn it off for an hour or so and wipe damp discs with a soft cloth.
- Road shocks may interrupt CD playback.

Error Message

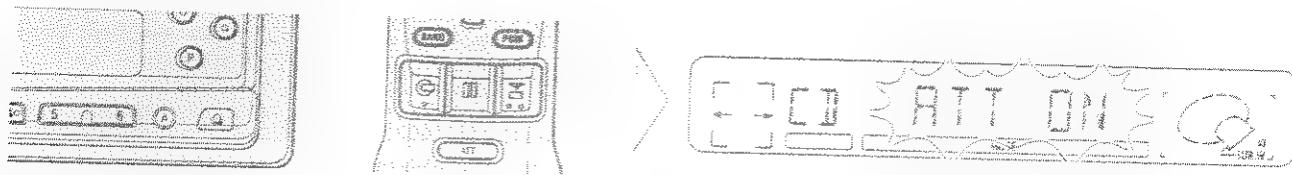
When problems occur with CD playback, an error message appears on the display. Refer to the table below to identify the problem, then take the suggested corrective action. If the error persists, contact your dealer or your nearest PIONEER Service Center.

Message	Possible cause	Recommended action
ERROR-11, 12, 17, 30	Dirty disc.	Clean the disc.
ERROR-11, 12, 17, 30	Scratched disc.	Replace the disc.
ERROR-14	Unrecorded CD.	Check the disc.
ERROR-10, 11, 12, 14, 17, 30, A0	Electrical or mechanical problem.	Turn the ignition ON and OFF, or switch to a different source, then back to the CD player.
HEAT	CD player overheating.	Discontinue play until the machine temperature drops.

Volume Attenuator

The Attenuator reduces the volume instantly.

- Cut the volume by about 90%.



Repeat the preceding operation to return to previous volume.

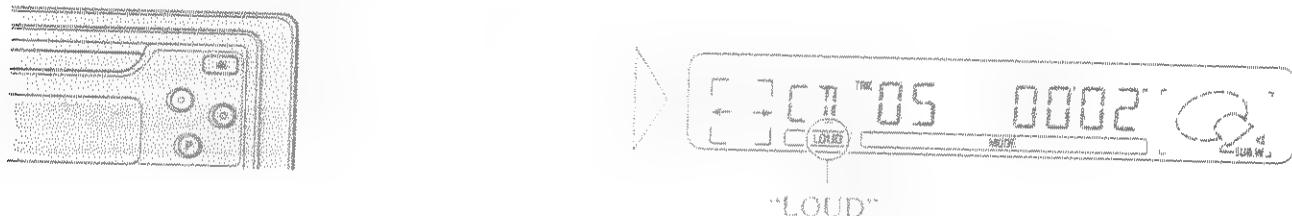
Note:

- If the (+) or (-) buttons are used to cancel the Attenuator mode, the sound will resume at a lower volume than before.

Loudness Adjustment

The Loudness function compensates for deficiencies in the low and high sound ranges at low volume.

- Switch the Loudness function ON.



To cancel the Loudness function, repeat the preceding operation.

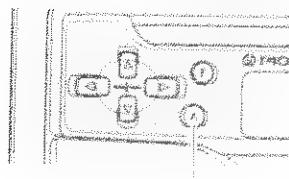
Note:

- You can also switch the Loudness function ON/OFF in the Audio Menu.

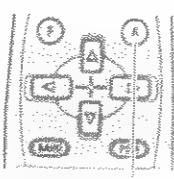
Entering the Audio Menu

In this menu, you can adjust sound quality parameters such as Fader/Balance, Bass/Treble, and Sub-woofer settings.

- Select the mode you want to adjust in Audio Menu.



Each press changes
the mode ...



Each press changes
the mode ...



Each press of the AUDIO button selects the mode in the following order:
FAD → BAS → TRE → LOUD → SUB.W → 80HZ 0 → FIE

To cancel the Audio Menu, press the BAND button.

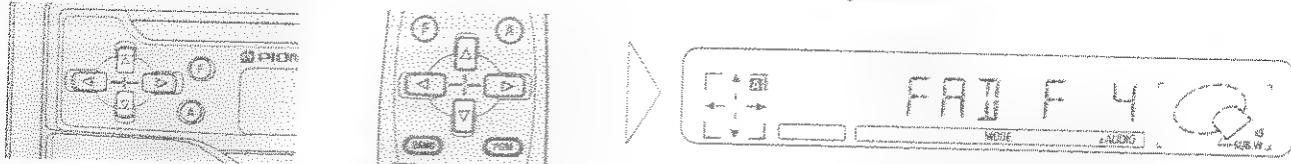
Note:

- You cannot select the SUB.W mode and 80Hz 0 mode (Sub-woofer setting mode) if the preout setting is switched to the Front output mode in the Initial Setting Menu. (See page 29.)
- You cannot select the 80Hz 0 mode (Sub-woofer setting mode) if Sub-woofer output is switched OFF in the SUB.W mode. Initially, Sub-woofer output is ON.
- After entering the Audio Menu, if you do not perform an operation within 30 seconds, the Audio Menu is automatically canceled.

Balance Adjustment

This function allows you to select a Fader/Balance setting that provides ideal listening conditions in all occupied seats.

1. Select the Fader/Balance mode (FAD) in the Audio Menu.
2. Shift the balance progressively to the front or rear speakers.



“FAD F15” – “FAD R15” is displayed as it moves from front to rear.

3. Shift the balance to the left or right speaker, respectively.



“BAL L 9” – “BAL R 9” is displayed as it moves from left to right.

To cancel the Audio Menu, press the BAND button.

Note:

- “FAD 0” is the proper setting when 2 speakers are in use.

Bass/Treble Adjustment

This product is equipped with two tone adjustment modes, the Bass (BAS) and Treble (TRE) modes.

1. Select Bass mode (BAS) or Treble mode (TRE) in the Audio Menu.
2. Increase or decrease the intensity of the Bass or Treble, whichever is selected.



The display shows “+6” – “-6”.

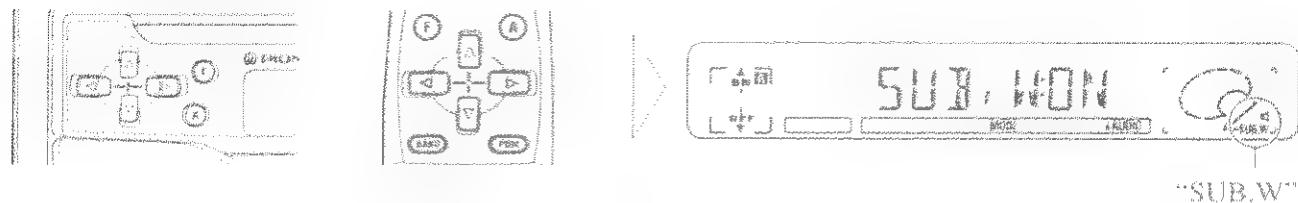
3. Repeat steps 1 – 2 above for the other Bass or Treble adjustment.

To cancel the Audio Menu, press the BAND button.

Sub-woofer Output

This product is equipped with a Sub-woofer output which can be switched ON or OFF. Initially, Sub-woofer output is ON.

1. Select the Sub-woofer ON/OFF mode (SUB.W) in the Audio Menu.
2. Switch the Sub-woofer output ON or OFF.



To cancel the Audio Menu, press the BAND button.

Note:

- You cannot select the SUB.W mode if the preout setting is switched to front output mode in the Initial Setting Menu. (See page 29.)
- Select the OFF setting when you do not want the Sub-woofer to operate.

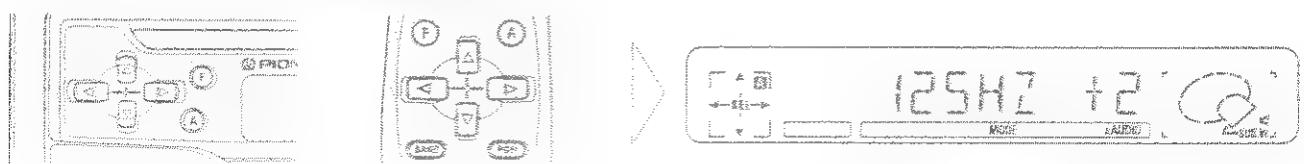
Sub-woofer Setting Adjustment

When the Sub-woofer output is ON, you can adjust the cut-off frequency and the output level of Sub-woofer.

1. Select the Sub-woofer setting mode (80HZ 0) in the Audio Menu.
2. Select the frequency to 50 Hz, 80 Hz or 125 Hz.



3. Increase or decrease the output level.



The display shows "+6" - "-6".

To cancel the Audio Menu, press the BAND button.

Note:

- You cannot select the 80Hz 0 mode (Sub-woofer setting mode) if Sub-woofer output is switched OFF in the SUB.W mode.

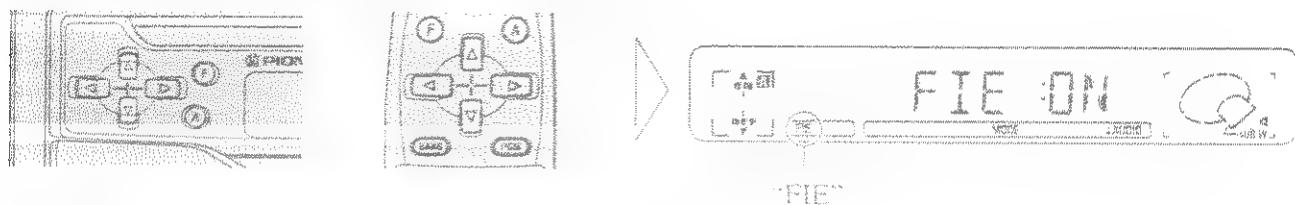
F.I.E. Function

The F.I.E. (Front Image Enhancer) function is a simple method of enhancing front imaging by cutting mid- and high-range frequency output from the rear speakers, limiting their output to low-range frequencies.

Precaution:

- When the F.I.E. function is deactivated, the rear speakers output sound in all frequencies, not only bass sounds. Reduce the volume before disengaging.

1. Select the F.I.E. mode (FIE) in the Audio Menu.
2. Switch the F.I.E. function ON or OFF.



To cancel the Audio Menu, press the BAND button.

Note:

- After switching the F.I.E. function ON, select the FAD mode in the Audio Menu, and adjust front and rear speaker volume levels until they are balanced. (See page 23.)
- Switch the F.I.E. function OFF when using a 2-speaker system.

Theft Protection

The front panel of the main body is detachable to discourage theft.

■ Warning Tone

If the front panel is not detached within 5 seconds after the ignition is turned off, a Warning Tone will sound.

Note:

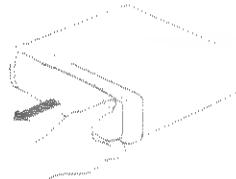
- You can cancel the Warning Tone function. (See page 29.)

■ Detaching the Front Panel

1. Eject the front panel.

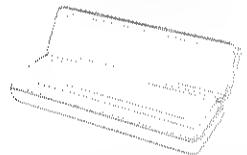


2. To remove the front panel, pull its right-hand side toward you.



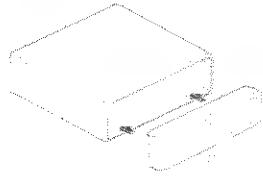
Take care not to grip it tightly or drop it.

3. Use the protective case provided to store/carry the detached front panel.



■ Replacing the Front Panel

• Replace the front panel by clipping it into place.



Firmly press the upper and lower edges of the front panel so that both the top and bottom lock securely.

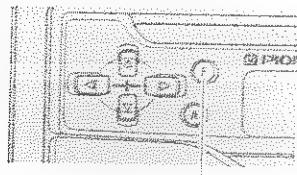
Precaution:

- Never use force or grip the display tightly when removing or replacing the front panel.
- Avoid subjecting the front panel to excessive shocks.
- Keep the front panel out of direct sunlight and high temperatures.

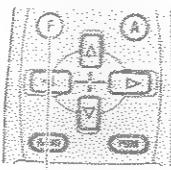
Entering the Initial Setting Menu

With this menu, you can perform initial settings for the unit.

1. Switch the sources OFF.
2. Enter the Initial Setting Menu with the sources OFF.



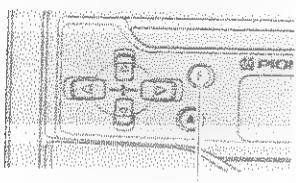
Hold for 2 seconds



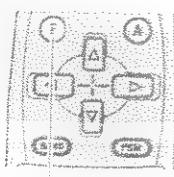
Hold for 2 seconds



3. Select the desired mode.



Each press changes
the mode ...



Each press changes
the mode ...



Each press of the FUNCTION button selects the mode in the following order:

ALARM → FM STEP → AM STEP → WARN → P/OUT → DIM

To cancel the Initial Setting Menu, press the BAND button.

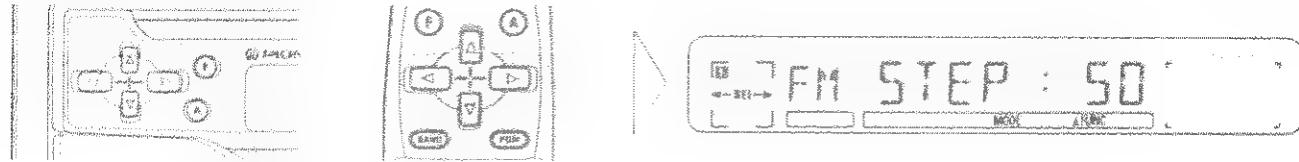
Note:

- ALARM is a new feature "Detachable Face Security Alarm". Refer to "DFS Alarm Function" for details and instructions on how to use this function.
- Holding down the FUNCTION button for 2 seconds also cancels the Initial Setting Menu.

Setting the FM Tuning Step

The tuning step employed by Seek Tuning in the FM mode can be switched between 100 kHz (preset at the factory) and 50 kHz.

1. Select the FM tuning step mode (FM STEP) in the Initial Setting Menu.
2. Select the desired tuning step.



To cancel the Initial Setting Menu, press the BAND button.

Note:

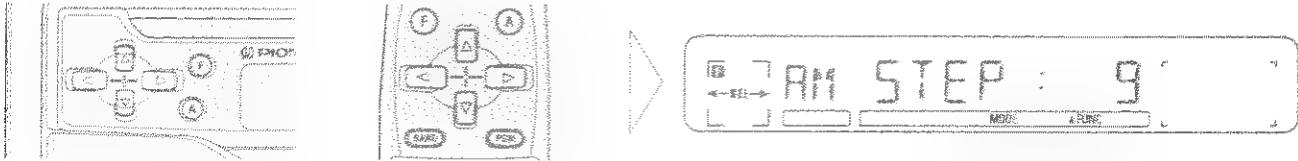
- If Seek Tuning is performed in 50 kHz steps, stations may be tuned in imprecisely. Tune in the stations with Manual Tuning or use Seek Tuning again.

Setting the AM Tuning Step

The tuning step employed in the tuner's AM band can be switched between 9 kHz and 10 kHz per step. Reset the tuning step from 9 kHz (the factory preset step) to 10 kHz when using the tuner in North, Central or South America.

Specifications	Initial Setting	New Setting
Tuning Steps	9 kHz	10 kHz
Frequency range	531 – 1,602 kHz	530 – 1,710 kHz

1. Select the AM tuning step mode (AM STEP) in the Initial Setting Menu.
2. Select the desired step.

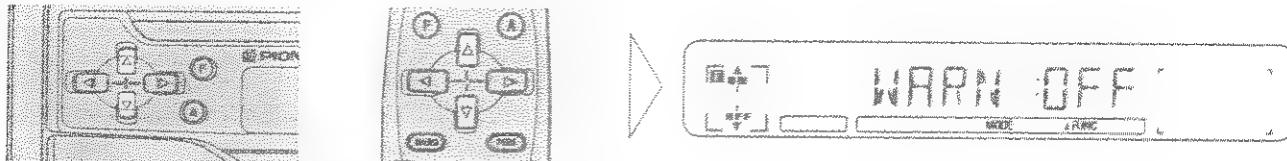


To cancel the Initial Setting Menu, press the BAND button.

Setting the Warning Tone

You can switch the Warning Tone function ON/OFF. (Refer to "Warning Tone" on page 26.)

1. Select the Warning Tone mode (WARN) in the Initial Setting Menu.
2. Switch the Warning Tone ON or OFF.



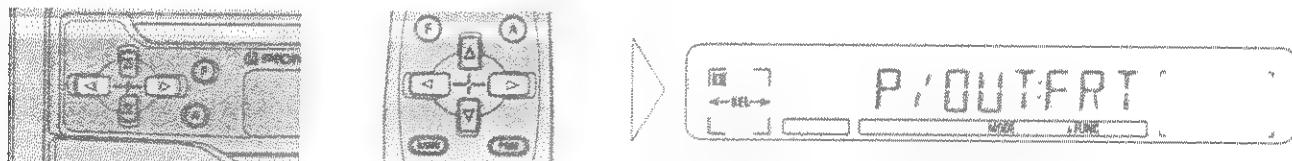
To cancel the Initial Setting Menu, press the BAND button.

Setting Preout Output

This product is equipped with two Preout outputs. One is for Rear output. The other can be used for Sub-woofer or Front output. Initially, it is set for Sub-woofer output.

When connecting a front speaker to this output, set for Front output.

1. Select the Preout Output Setting mode (P/OUT) in the Initial Setting Menu.
2. Select your desired Preout output type.

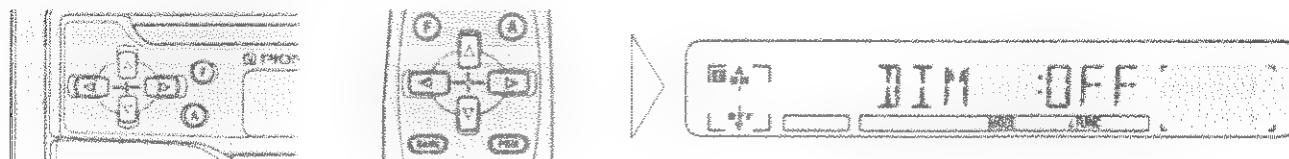


To cancel the Initial Setting Menu, press the BAND button.

Setting the Dimmer

To prevent this display becoming too bright at night, it is automatically dimmed when you switch on your vehicle's headlights. You can switch the dimmer ON/OFF.

1. Select the Dimmer mode (DIM) in the Initial Setting Menu.
2. Switch the Dimmer ON or OFF.



To cancel the Initial Setting Menu, press the BAND button.

DFS Alarm Function

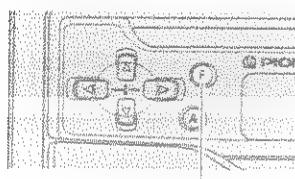
In addition to the Detachable Face Security, Pioneer has incorporated a new feature "Detachable Face Security Alarm". This feature is designed to protect your new Pioneer car stereo as well as your vehicle contents.

Activating the DFS Alarm Feature

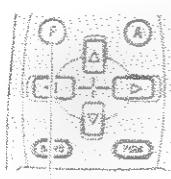
Pioneer has developed a menu display that allows you to set-up your DFS Alarm to meet your personal needs. By scrolling through this menu it is possible to select your own "Entry Delay Time", "Speaker Output Volume", "Selectable Output", "Door System Type", "Ignition Key Disarm" and "Remote Disarm".

Initially from the factory the DFS Alarm feature is not activated.

1. Select the DFS Alarm Feature ON/OFF mode with the sources OFF.



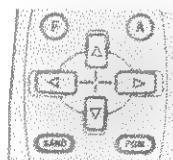
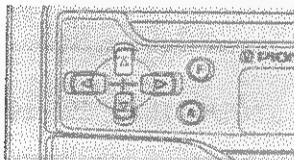
Hold for 2 seconds



Hold for 2 seconds

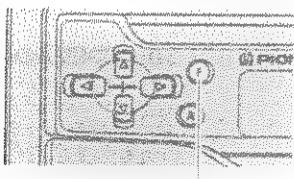


2. Activate the DFS Alarm Feature.

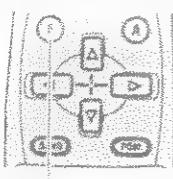


Press the **▼** button to deactivate the DFS Alarm Feature.

3. Enter the DFS Alarm Setting Menu.



Hold for 2 seconds



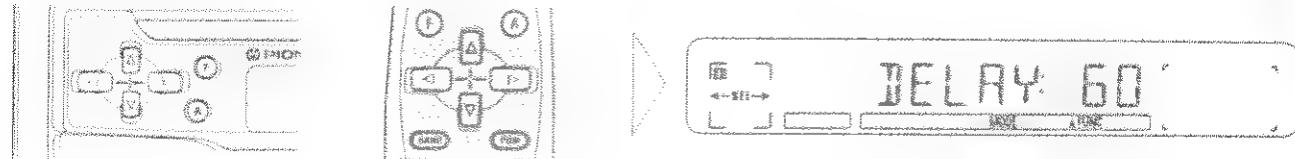
Hold for 2 seconds



Setting Entry Delay Time

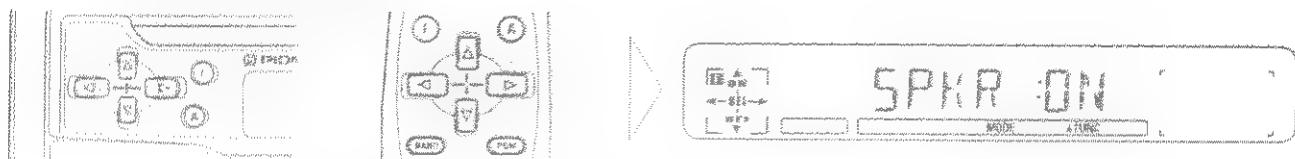
Initially the "Entry Delay Time" is set to 15 seconds. The "Entry Delay Time" can be adjusted to be 0, 5, 15, 30, 45 or 60 seconds.

1. Decrease or increase the "Entry Delay Time".



Display shows 0, 5, 15, 30, 45, or 60.

2. Advance to next selection.



Activating Internal Speaker ON/ OFF

This feature allows you to select whether or not the speaker output is sounded when the "DFS Alarm" is triggered. Initially from the factory the speaker output is activated. Toggling between \blacktriangle , \blacktriangledown buttons allows you to deactivate or activate the "Internal Speaker". If you switch the speaker output OFF, you can not change the "TEST MODE".

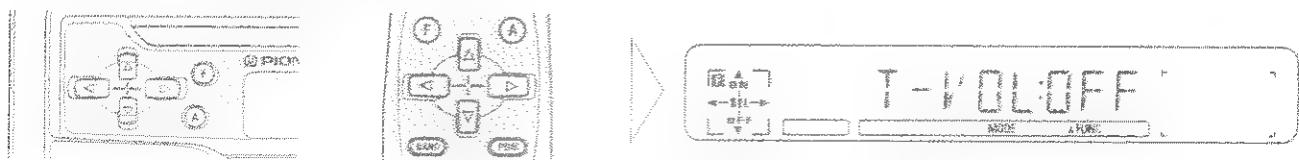
■ Speaker Volume Output Adjustment

If the "Internal Speaker Output" has been selected then it is possible to adjust the volume of the speaker output for when the Alarm is triggered. To adjust the volume you must engage the "TEST MODE".

Note:

- If the "Internal Speaker Output" is turned OFF, then this menu will not appear.

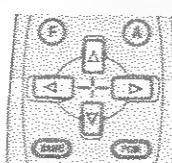
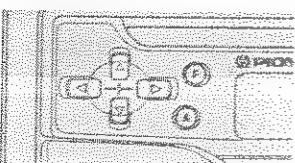
1. Engage the "TEST MODE".



Continued overleaf.

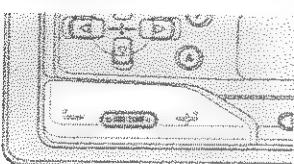
DFS Alarm Function

2. Activate the "TEST MODE".



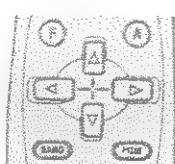
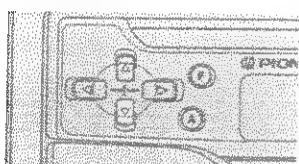
In this mode the speakers will sound.

3. Decrease or increase the volume.

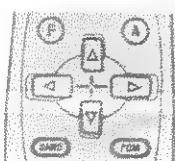
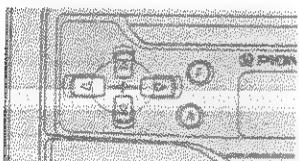


Display shows 10 – 30.

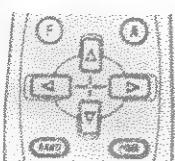
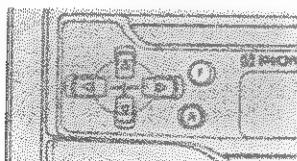
4. After selecting your preferred volume setting, deactivate the "TEST MODE".



5. Cancel the "TEST MODE".



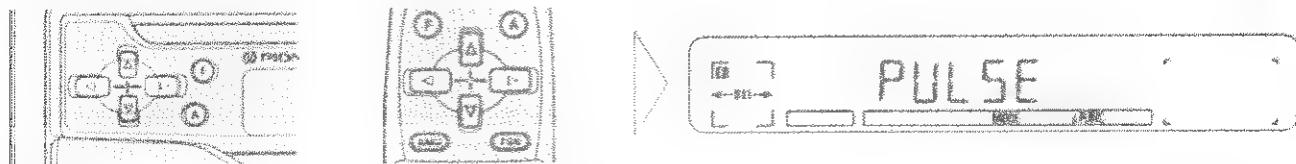
6. Advance to next selection.



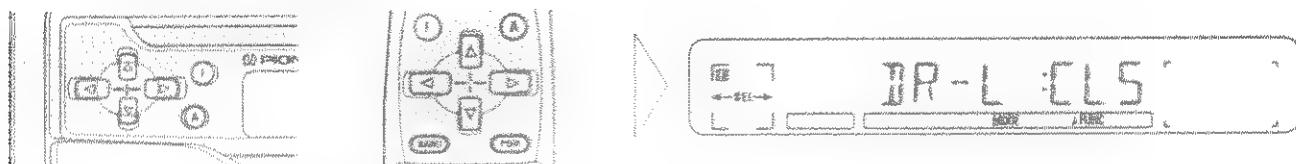
Setting the Selectable Output (Pulse/Constant)

This mode enables you to select a "Constant" output or "Pulsed" output. When connecting a Siren the "Constant" output should be selected. When connecting the horn or lights the "Pulsed" output should be selected.

1. Select your desired output type.



2. Advance to next selection.



Selecting Door Switching Systems

It is necessary to select the correct "Door System Type" (Negative or Positive switching) for that of your vehicle. Initially, the system is set for vehicles with the grounding type (Negative switching). Select the correct "Door system type" of your vehicle from below.

■ Vehicles to select "DR-L :CLS"

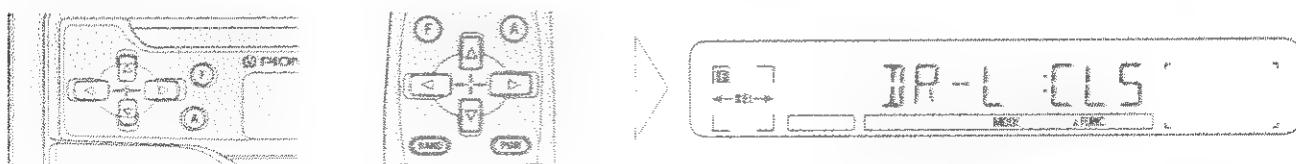
GM, CHRYSLER, JAPANESE, EUROPEAN

■ Vehicles to select "DR-H :CLS"

FORD, JAGUAR, MERCEDES*, etc.

* Some Models Only.

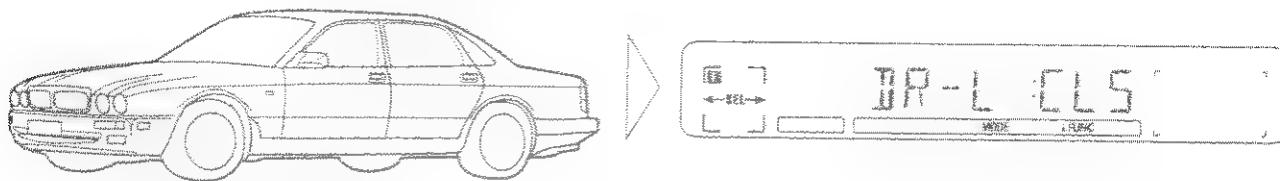
• Select "DR-L :CLS" or "DR-H :CLS" for the correct door system type.



■ Door System Confirmation

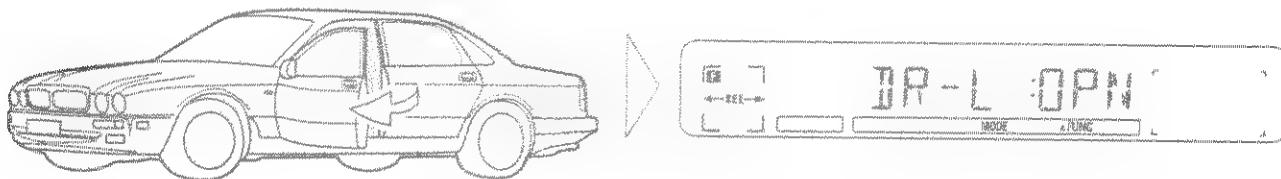
The door system confirmation feature was incorporated to ensure that the correct door system type has been selected. (eg. Set to "DR-L :CLS" for GM vehicles.)

1. First, close all the doors. If the correct door system type has been selected then the Display will show "DR-L :CLS".



If not, select the alternative door system type by pressing the **◀** or **▶** button. Lastly, confirm each door triggers the Alarm by opening and closing each door.

2. As the door is opened the display should change accordingly ("DR-L :CLS" – "DR-L :OPN").



3. Advance to next selection.



Ignition Key Disarm

You can disarm "DES Alarm" with the ignition key if you have forgotten the Detachable face panel.

The method for disarming "DES Alarm" with the ignition key differs depending on whether this function is switched ON or OFF.

■ If this function is "ON" or "OFF":

The "DES Alarm" can be disarmed if the Detach face is reattached within the "Entry Delay Time".

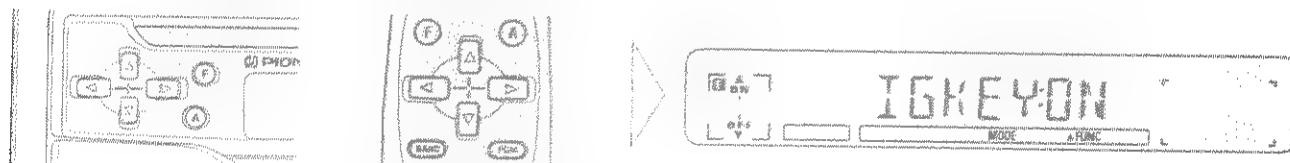
■ If this function is "ON":

The "DES Alarm" can be disarmed if the ignition key is inserted in the ignition within the "Entry Delay Time", then the key is turned from "OFF" to "ON" 5 times within 1 minute.

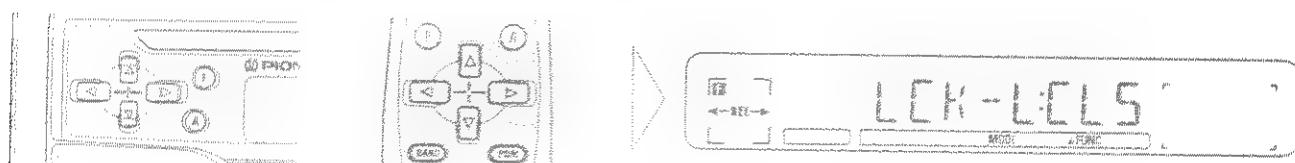
■ If this function is "OFF":

The "DES Alarm" can be disarmed if the ignition key is inserted in the ignition and turned from "OFF" position to the "ON" within the "Entry Delay Time".

1. Switch the Ignition Key Disarm ON or OFF.



2. Advance to next selection.



Central Door Lock Systems

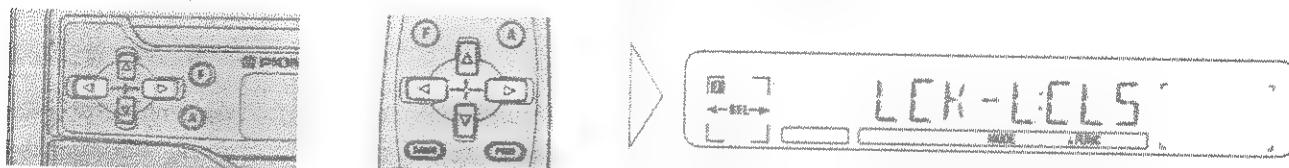
The DFS Alarm can be disarmed by Un-Locking the doors with a remote key-less entry system. If the unit's stand-by state is disarmed, the LED's blinking speed becomes faster. (It can be understood if the "DFS Alarm" has been disarmed by the change in the LED's blinking speed.)

Note:

- If the "DFS Alarm" is disarmed by the key-less entry system, it will remain disarmed. To reset, turn the ignition on reattach the face then turn the ignition to the off position and remove the detachable face.
- If your vehicle is equipped with a central door lock but the glass or shock sensor is not connected, if the window is broken and the central door lock is released, this unit's DFS Alarm will not operate.
- Pioneer recommends that both a shock sensor and glass sensor be installed when you are using the "Remote Disarming" feature.

■ Selecting the Door Lock Type

- Select the "LCK-L:CLS" or "LCK-H:CLS" for the correct door lock type.



■ Door Lock Confirmation

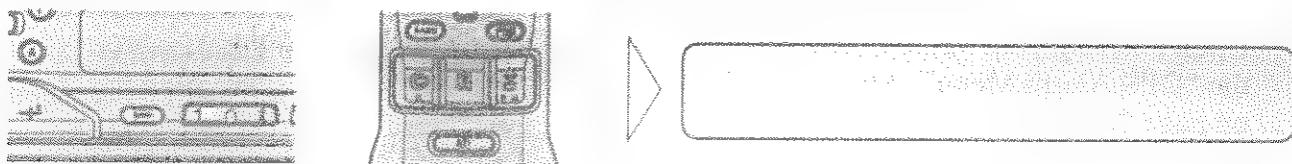
The door lock confirmation feature was incorporated to ensure that the correct door lock type has been selected. (eg. Set to "LCK-L:CLS".)

1. As the doors are unlocked with central door lock system the display should flash "LCK-L:OPN" accordingly.



If not, select the alternative door lock type by pressing the **◀** or **▶** button.

2. Cancel the DFS Alarm Setting Menu.



Setting of the "DFS Alarm" is now complete.

Note:

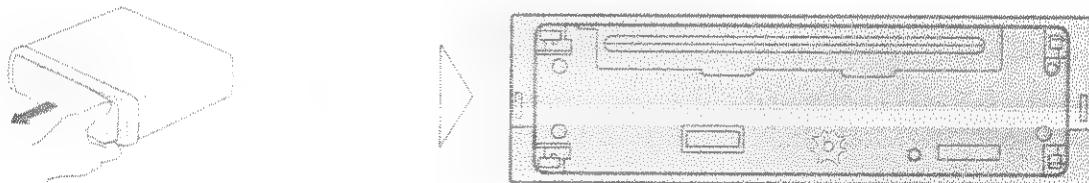
- In the case that the battery is disconnected it may be necessary to reprogram the DFS Alarm Menu; otherwise this setting needs to be done only once.

Operation of "DFS Alarm"

Providing the installation and setting of the "DFS Alarm Setting Menu" has been performed correctly, operation of the "DFS Alarm" is very simple.

Arming Alarm

To arm your Alarm simply turn off the ignition and detach the front panel, as described on page 26. After detaching the front panel the "DFS Alarm" will automatically arm itself after 30 seconds, providing all of the doors are closed. If after 30 seconds, a door still remains open the DFS Alarm will not arm until the last door has been closed. After closing all of the doors, ensure that they are securely locked. The LED indicator on the head unit will flash as a visual deterrent. Your vehicle is now protected by your "DFS Alarm".



Disarming Alarm

Upon entering your vehicle, and within the "Entry Delay Time" set within the "DFS Alarm Menu", attach your Pioneer Detachable Face as described on page 26.

■ If you have forgotten the Detachable Face Panel:

If the "Ignition Key Disarm" is "ON", insert the ignition key in the ignition within the "Entry Delay Time", then turn the key from "OFF" to "ON" 5 times within 1 minute.

If the "Ignition Key Disarm" is "OFF", insert the ignition key in the ignition and turn the key from "OFF" to "ON" within the "Entry Delay Time".

Entry Detection

If the "DFS Alarm" was not disarmed in accordance with "Disarming Alarm", the "DFS Alarm" will be triggered. The "DFS Alarm" will sound for 60 seconds and will repeat 5 times if any door is left open or reopened. After the fifth time the "DFS Alarm" will reset to prevent continuous sounding and prevent your battery from discharging.

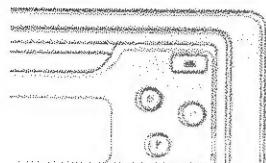
Precaution:

- Upon returning to your vehicle and before opening any doors, check to see if the LED indicator is still flashing. If the LED is no longer flashing, it indicates that the Alarm has sounded. Disarming, as described above, is still necessary.

Time Display/Setting

■ Displaying the Time

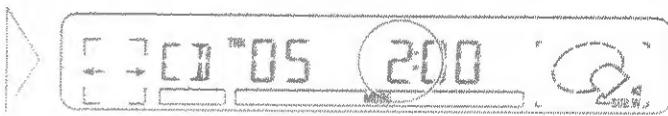
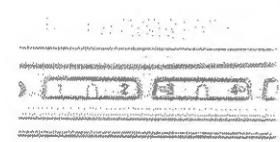
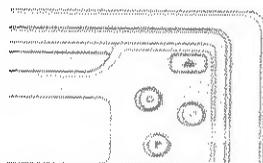
- To turn the time display ON with the source ON.



The time display disappears temporarily when you perform another operation, but the time indication returns to the display after 25 seconds.

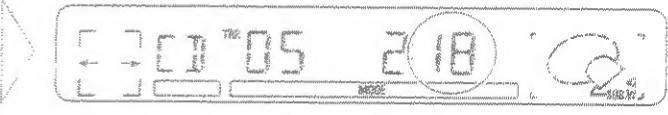
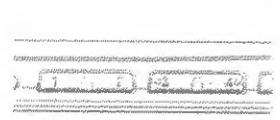
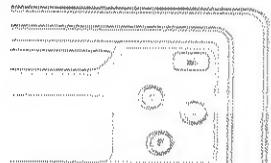
■ Setting the Hours

- While holding down the CLOCK button, press button 1 to set the hour.



■ Setting the Minutes

- While holding down the CLOCK button, press button 2 to set the minute.



When you release the CLOCK button, the second count begins from 00 seconds.

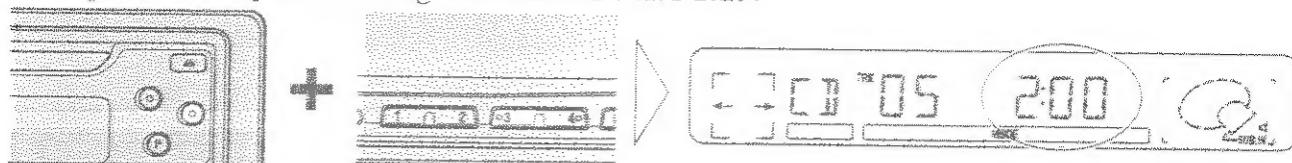
Note:

- The hour and minute can be advanced by pressing the respective buttons either consecutively or continuously.

■ Synchronizing with the Time Announcement

- While holding down the **CLOCK** button, press button 3 to reset the minute and second indications to zero.

Example: When synchronizing between 1:30 and 2:29.



Specifications

General

Power source	14.4 V DC (10.8 – 15.1 V allowable)
Grounding system	Negative type
Max. current consumption	10.0 A
Dimensions	
(DIN) (chassis)	178 (W) × 50 (H) × 150 (D) mm
(nose)	188 (W) × 58 (H) × 20 (D) mm
(D)	178 (W) × 50 (H) × 155 (D) mm
(nose)	170 (W) × 48 (H) × 15 (D) mm
Weight	1.4 kg

Amplifier

Continuous power output	20 W per channel min. into 4 ohms, both channels driven 50 to 15,000 Hz with no more than 5% THD.
Maximum power output	40 W × 4
Continuous power output	20 W × 4 (1% dist. at 1 kHz)
Load impedance	4 Ω (4 – 8 Ω allowable)
Preout output level/output impedance	500 mV/1 kΩ
Tone controls	
(Bass)	±12 dB (100 Hz)
(Treble)	±12 dB (10 kHz)
Loudness contour	+10 dB (100 Hz), +7 dB (10 kHz) (volume: -30 dB)

CD player

System	Compact disc audio system
Usable discs	Compact disc
Signal format	Sampling frequency: 44.1 kHz Number of quantization bits: 16; linear
Frequency characteristics	5 – 20,000 Hz (±1 dB)
Signal-to-noise ratio	94 dB (1 kHz)(IEC-A network)
Dynamic range	90 dB (1 kHz)
Number of channels	2 (stereo)

FM tuner

Frequency range	87.5 – 108 MHz
Usable sensitivity	11 dBf (1.0 µV/75 Ω, mono, S/N: 30 dB)
50 dB quieting sensitivity	16 dBf (1.7 µV/75 Ω, mono)
Signal-to-noise ratio	70 dB (IEC-A network)
Distortion	0.3% (at 65 dBf, 1 kHz, stereo)
Frequency response	30 – 15,000 Hz (±3 dB)
Stereo separation	40 dB (at 65 dBf, 1 kHz)

AM tuner

Frequency range	531 – 1,602 kHz (9 kHz) 530 – 1,710 kHz (10 kHz)
Usable sensitivity	18 µV (25 dB) (S/N: 20 dB)
Selectivity	50 dB (±9 kHz) 50 dB (±10 kHz)

Note:

- Specifications and the design are subject to possible modification without notice due to improvements.